



Serial No. 10/816,514

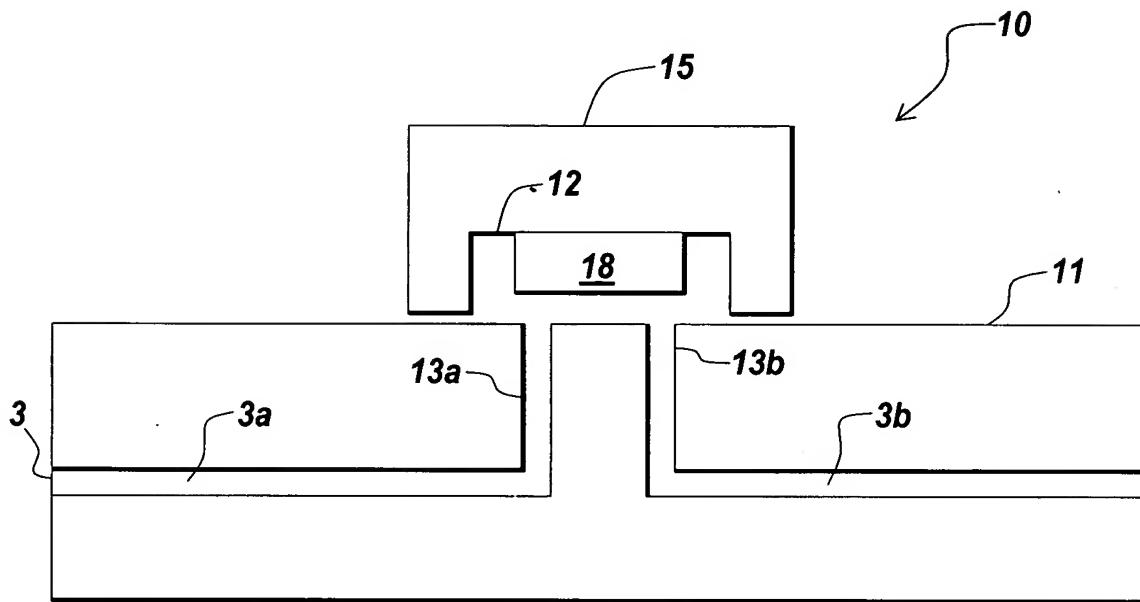
Filed March 31, 2004

Docket No.: TGZ-030

Title: *Implementation of Microfluidic Components, Including Molecular Fractionation Devices, in a Microfluidic System*

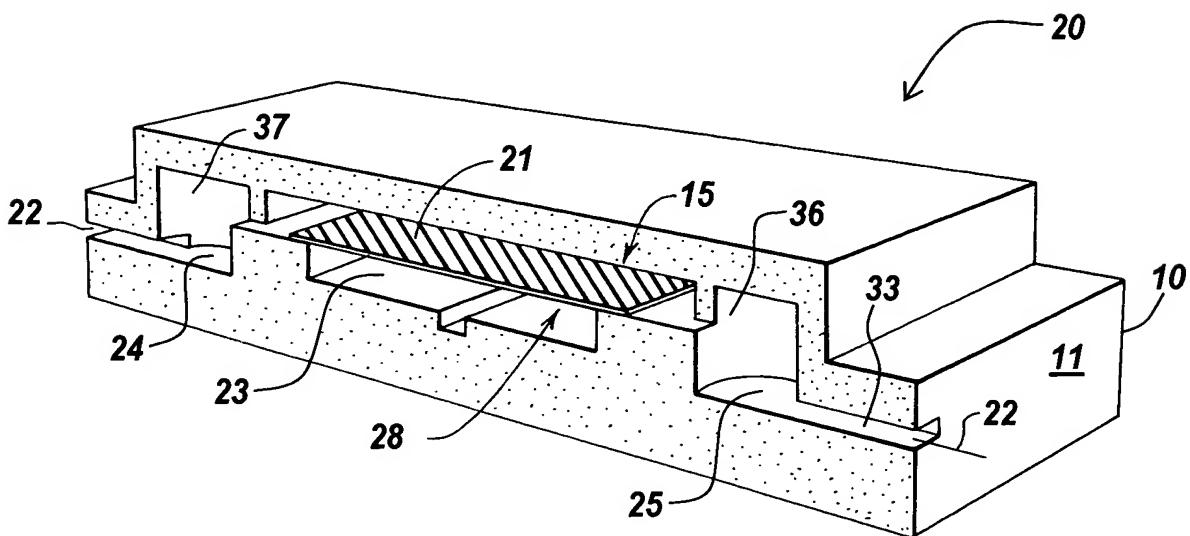
Sheet 1 of 28

1/28

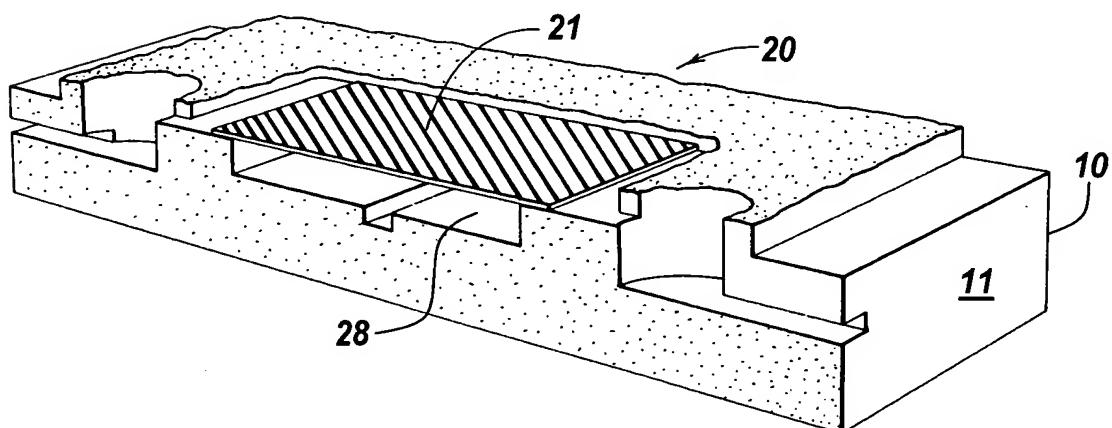


*Fig. 1*

2/28

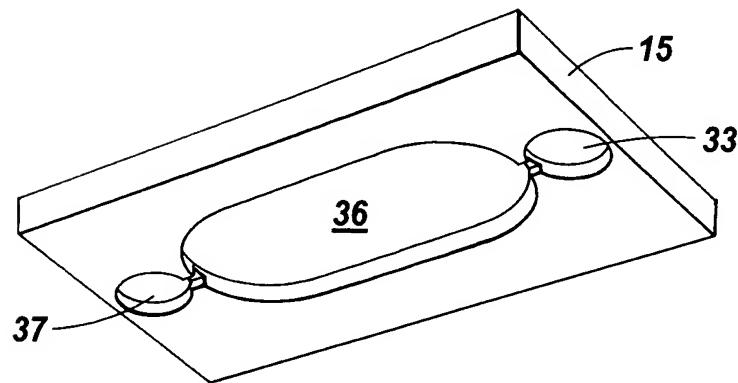


*Fig. 2*

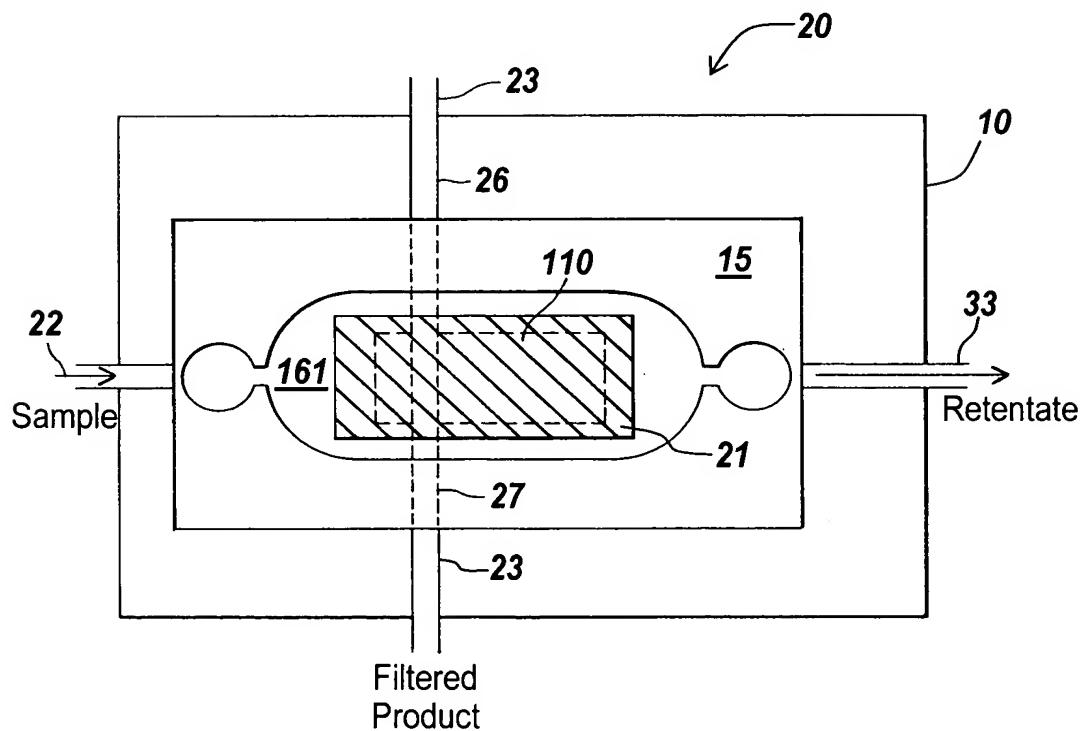


*Fig. 3*

3/28



*Fig. 4*



*Fig. 5*

4/28

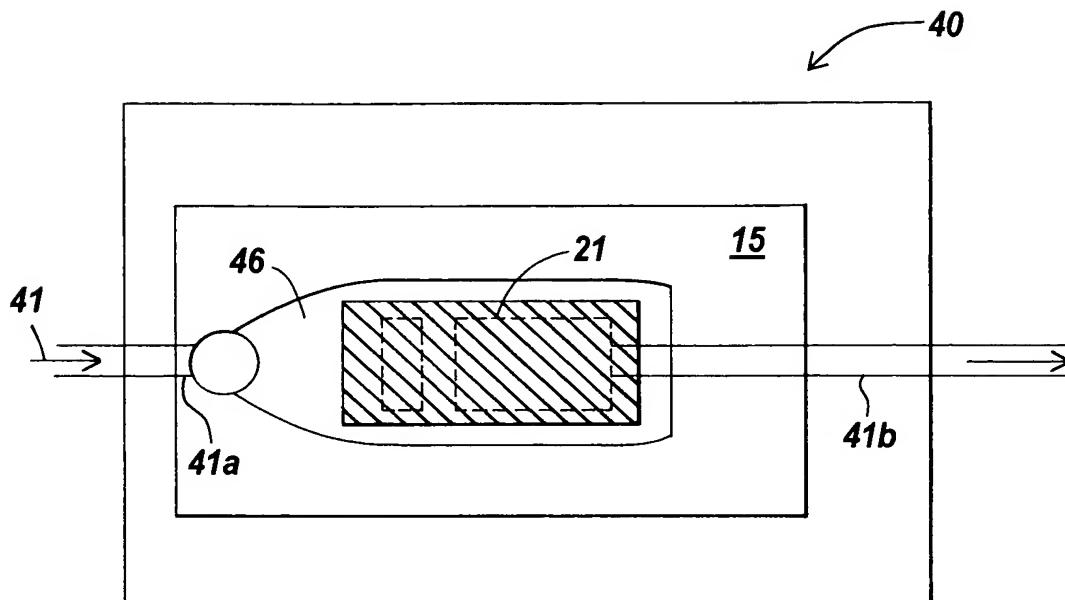


Fig. 6A

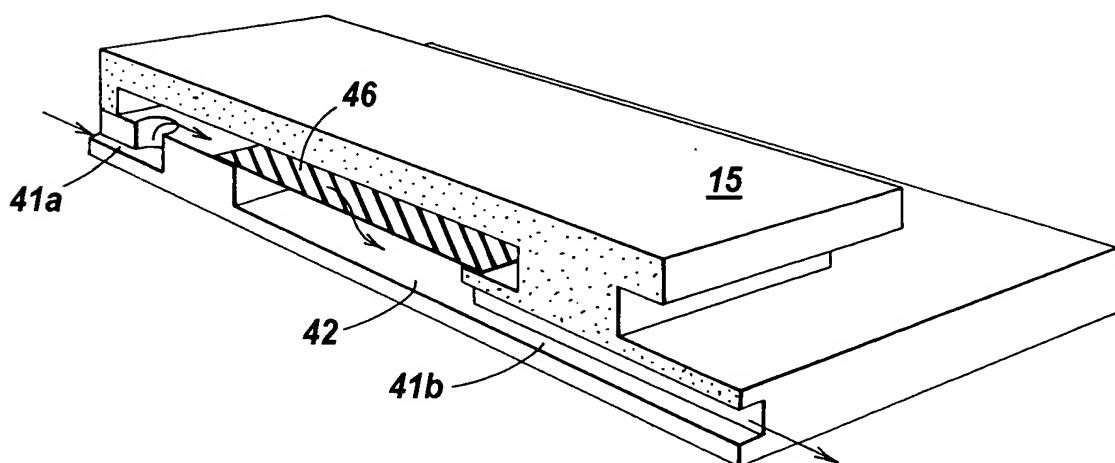


Fig. 6B

5/28

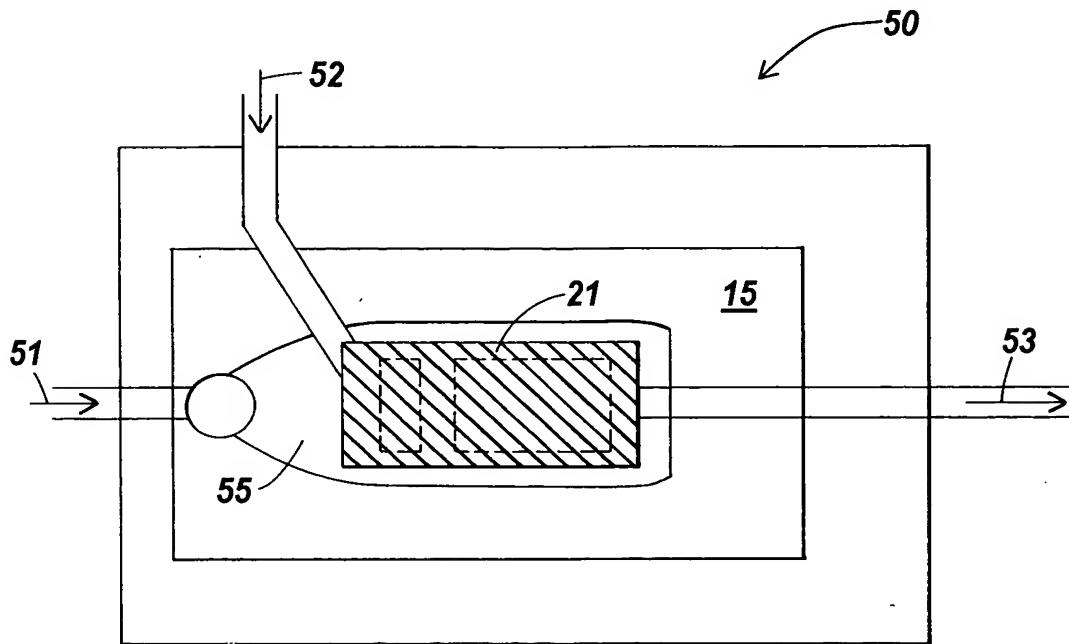


Fig. 7A

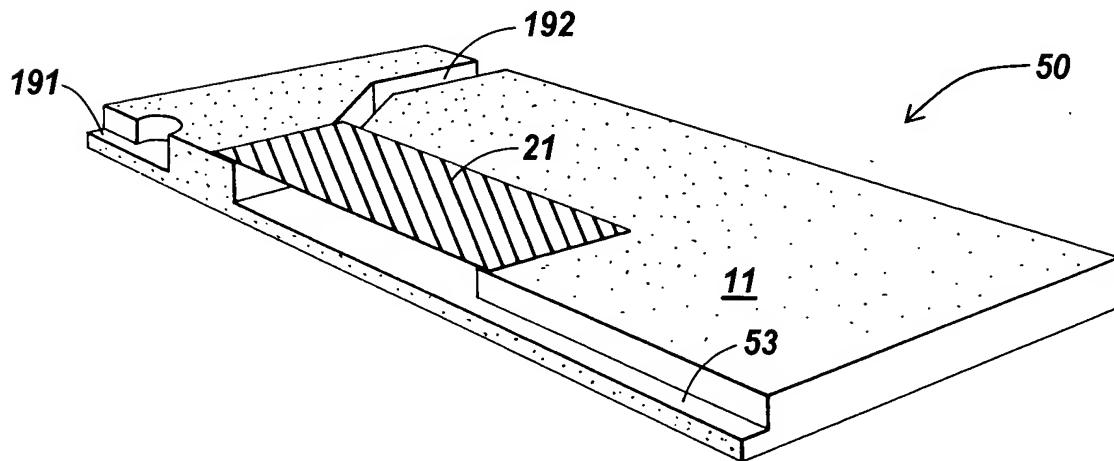


Fig. 7B

6/28

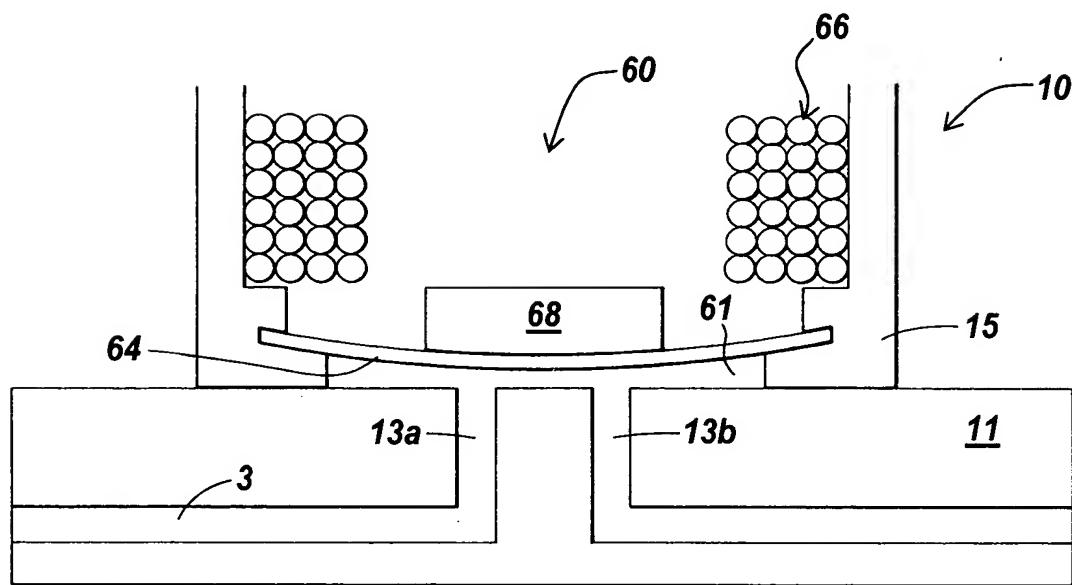


Fig. 8

7/28

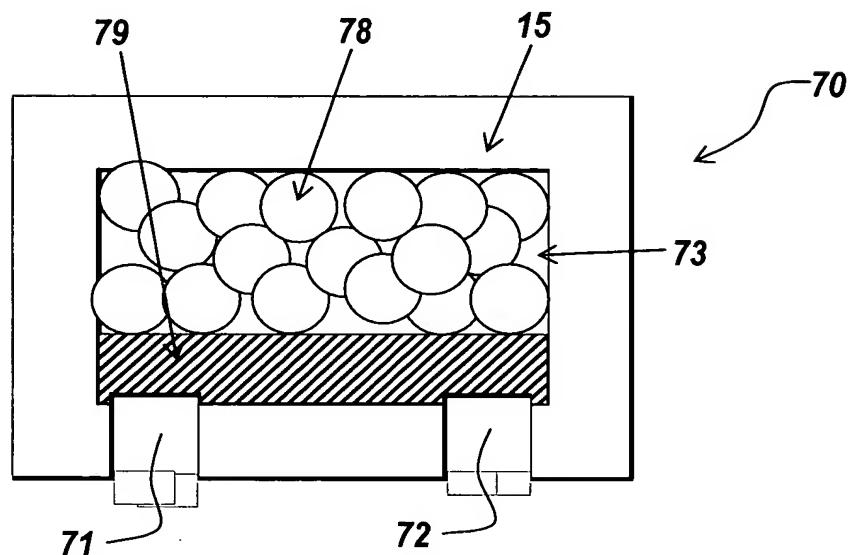


Fig. 9

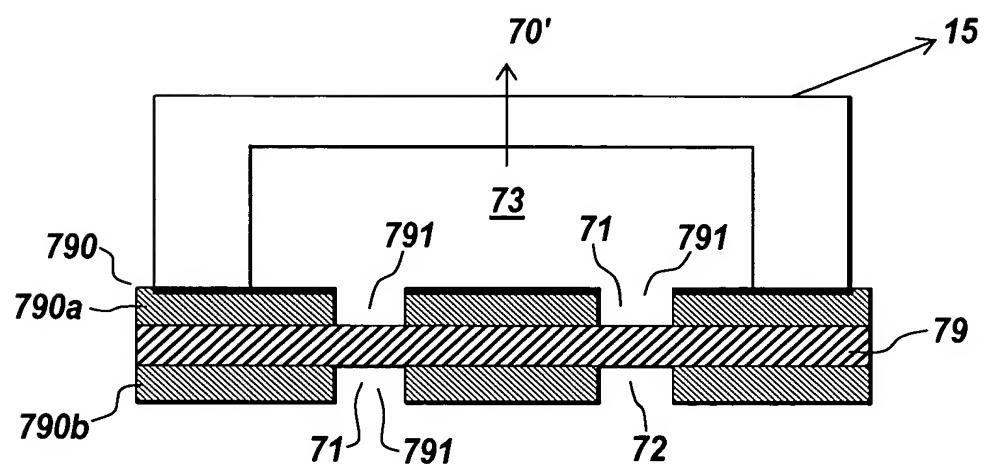
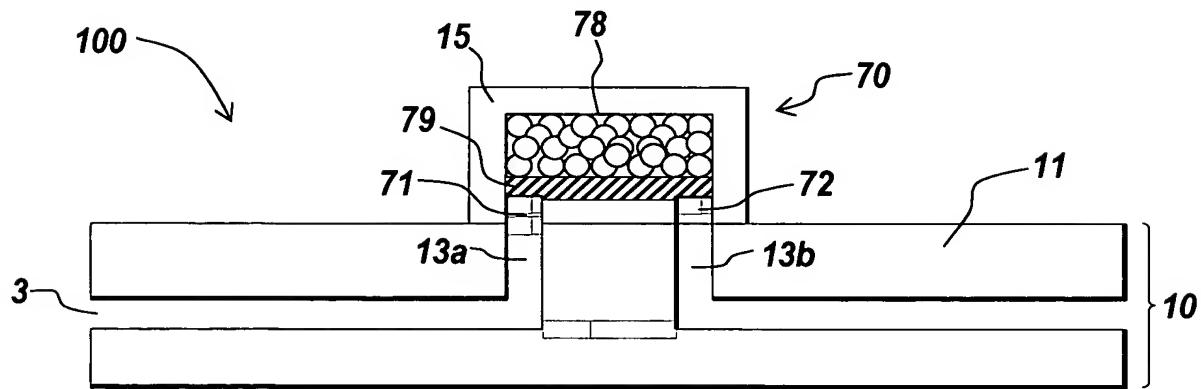
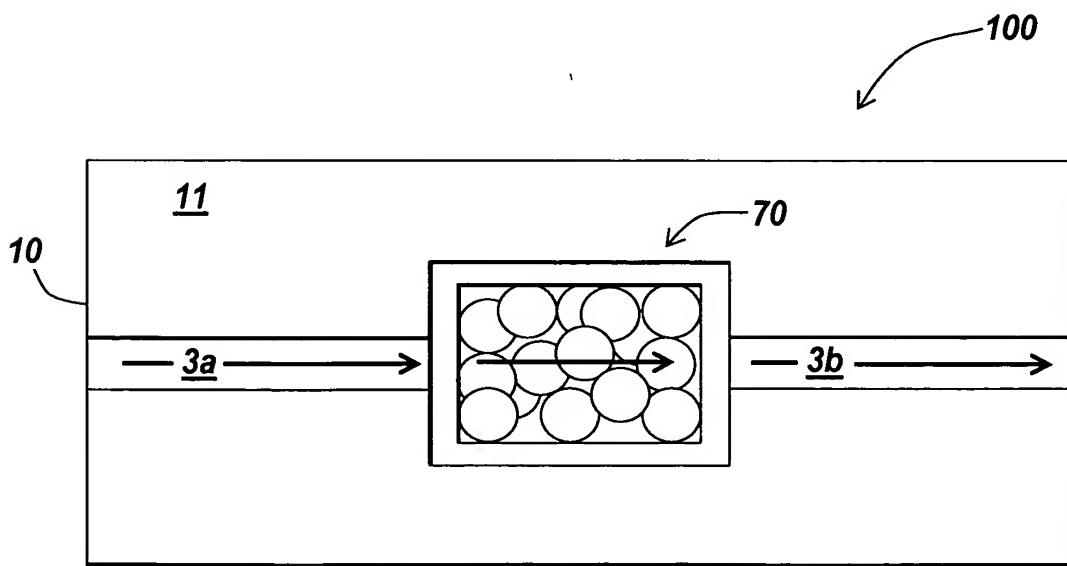


Fig. 10

8/28



*Fig. 11A*



*Fig. 11B*

9/28

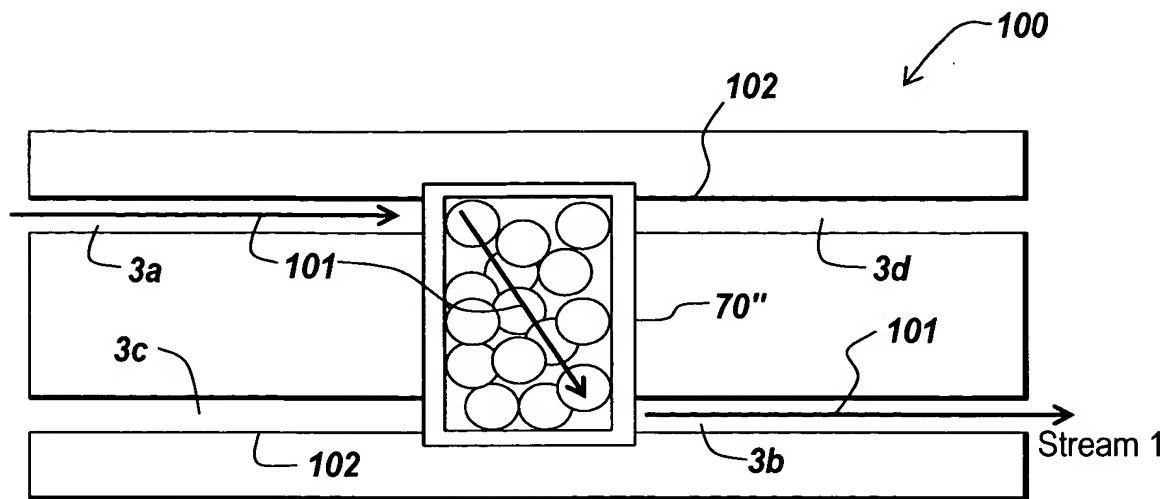


Fig. 12A

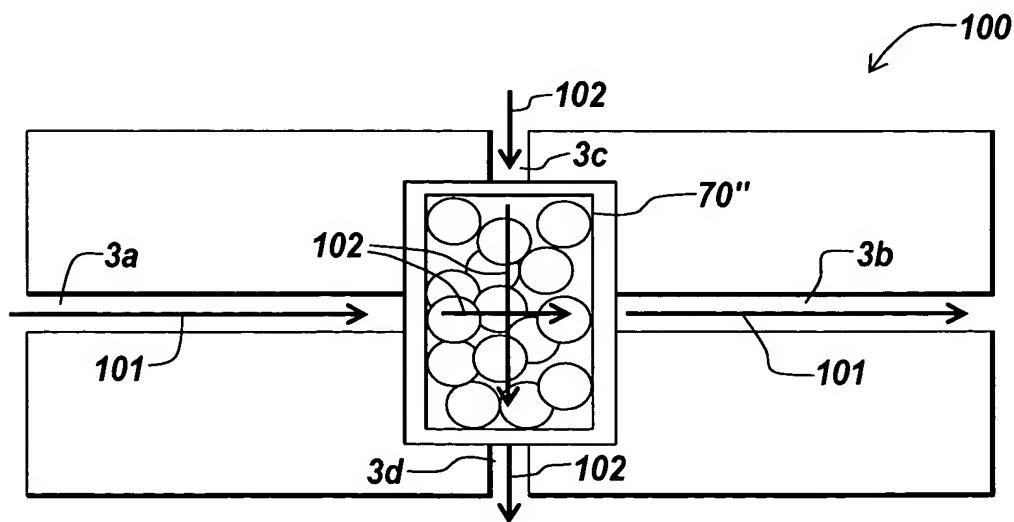
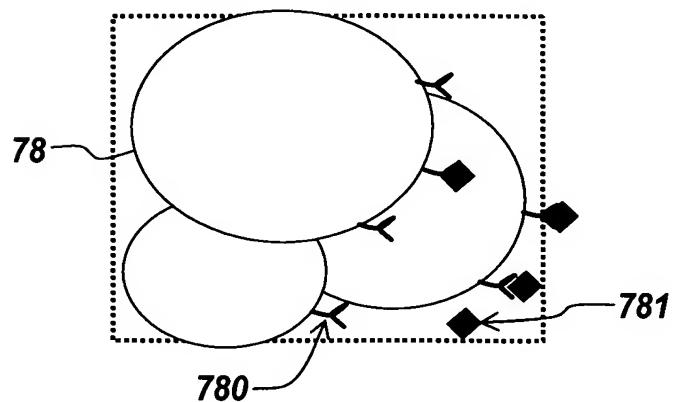
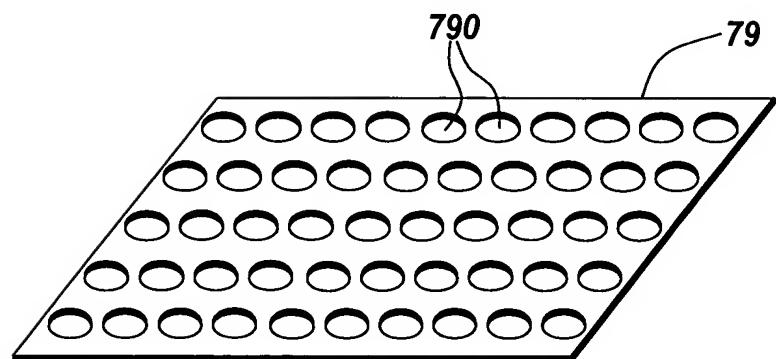


Fig. 12B

10/28



*Fig. 13*



*Fig. 14*

Fig. 15A

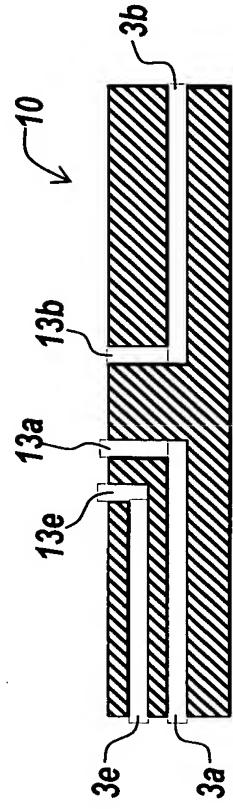
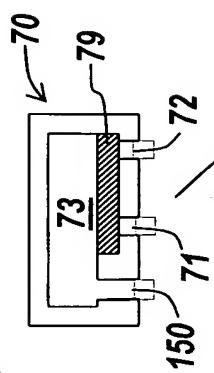


Fig. 15B

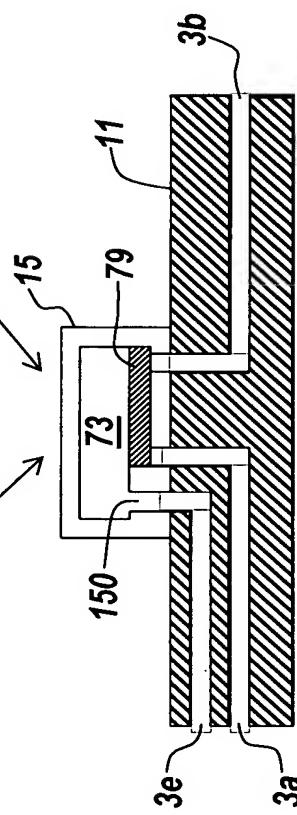


Fig. 15C

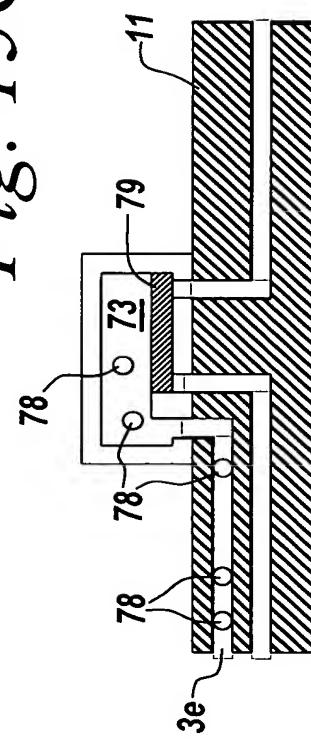


Fig. 15D

12/28

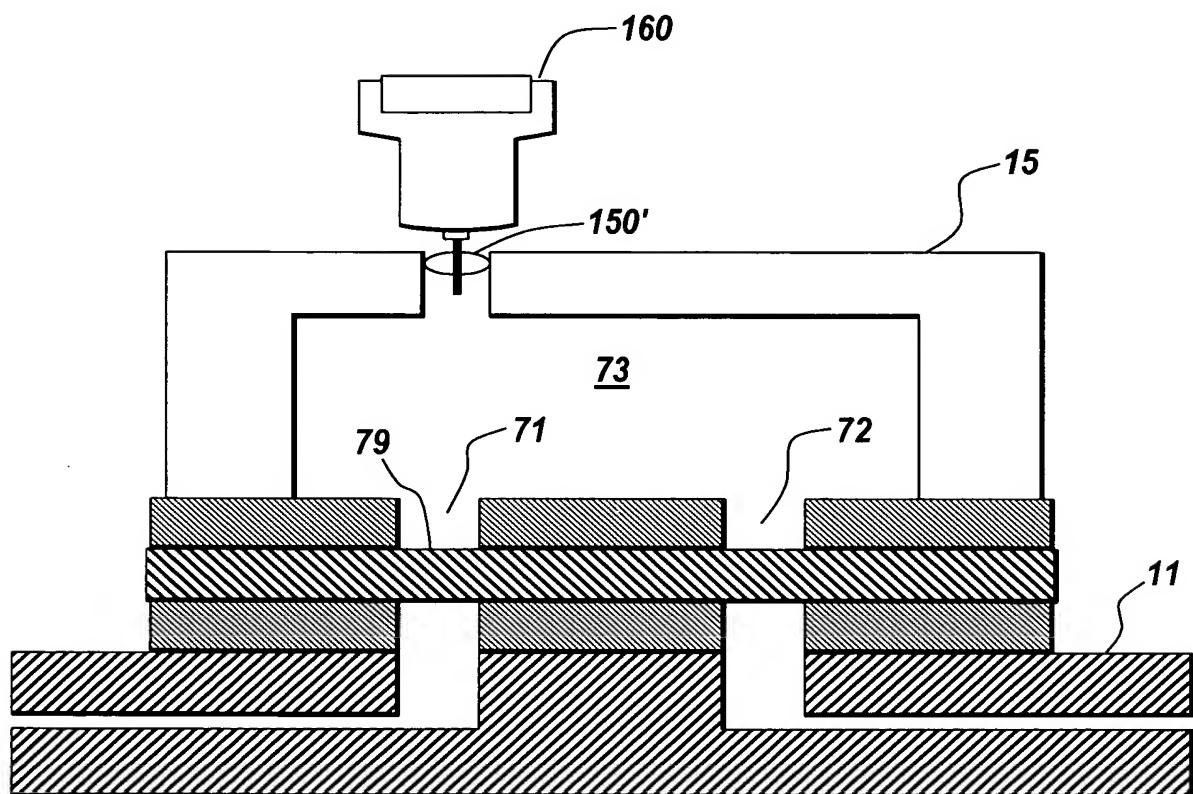


Fig. 16

13/28

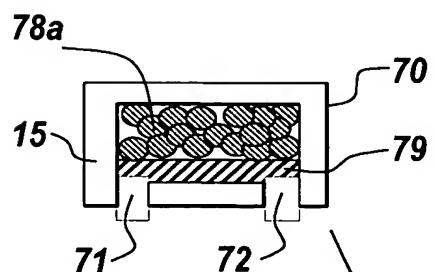


Fig. 17A

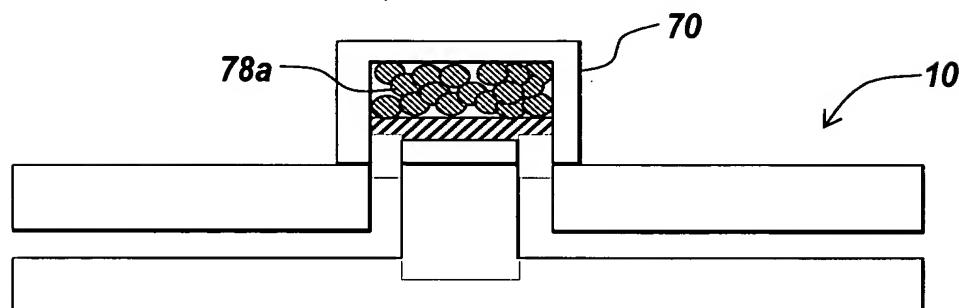


Fig. 17B

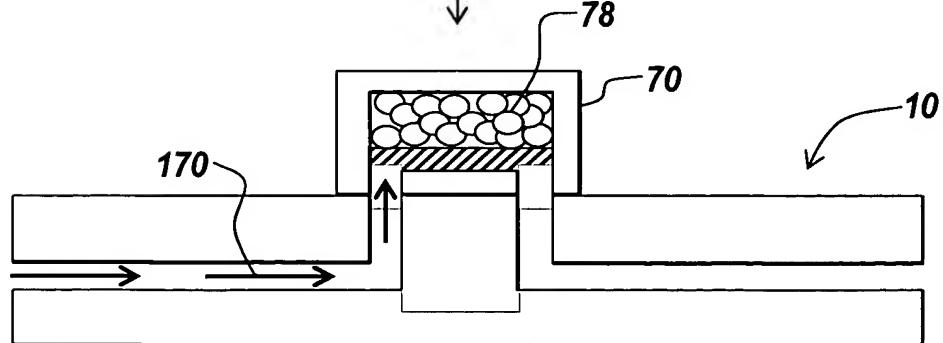


Fig. 17C

14/28

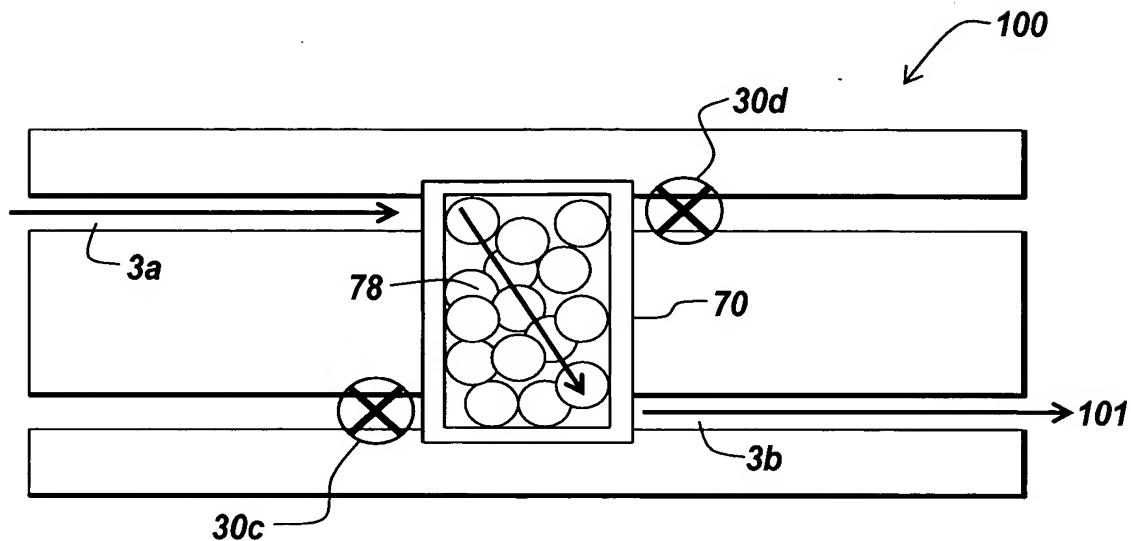


Fig. 18A

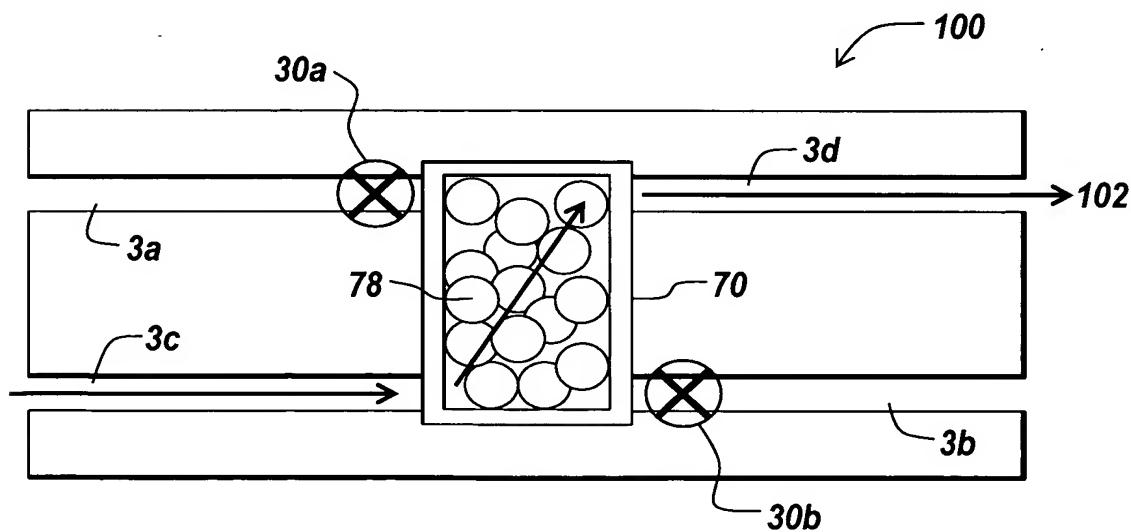


Fig. 18B

15/28

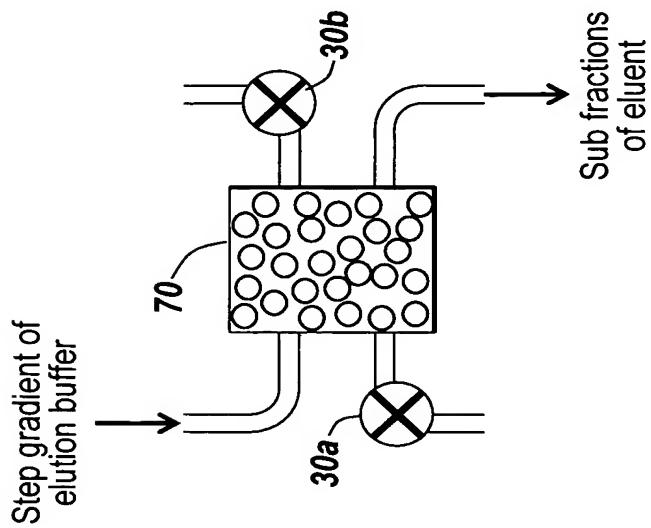


Fig. 19C

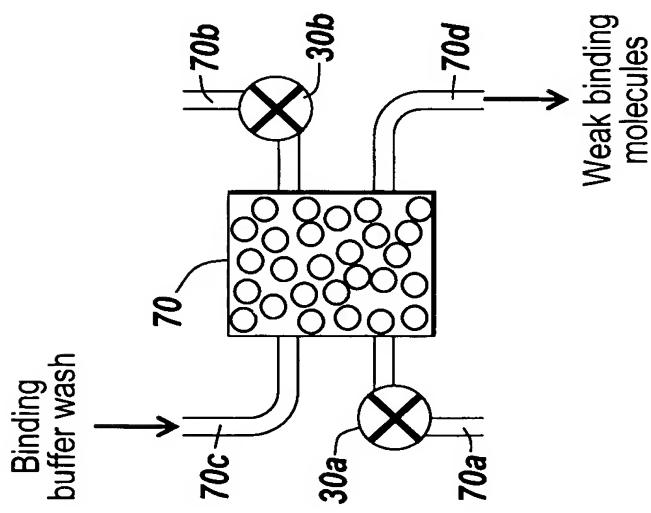


Fig. 19B

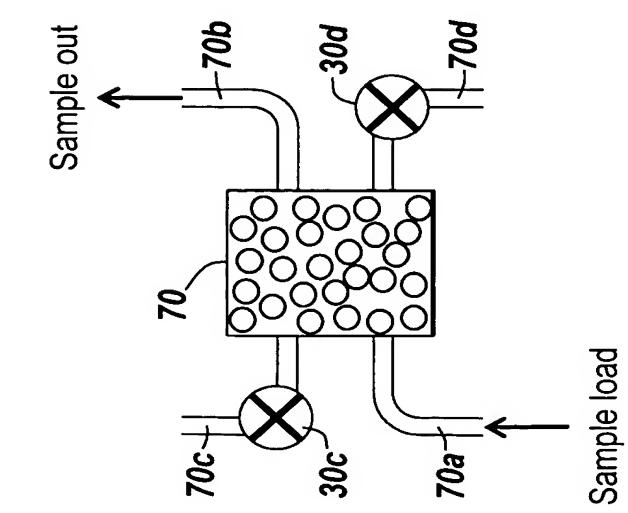
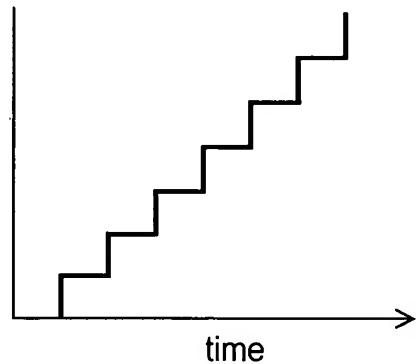
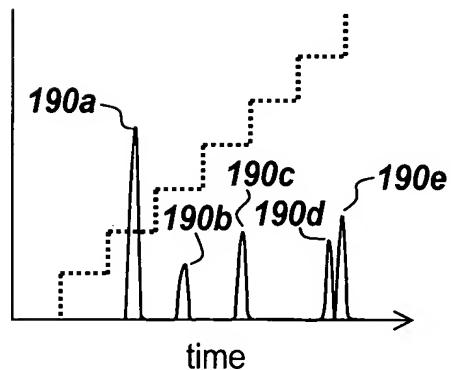


Fig. 19A

16/28

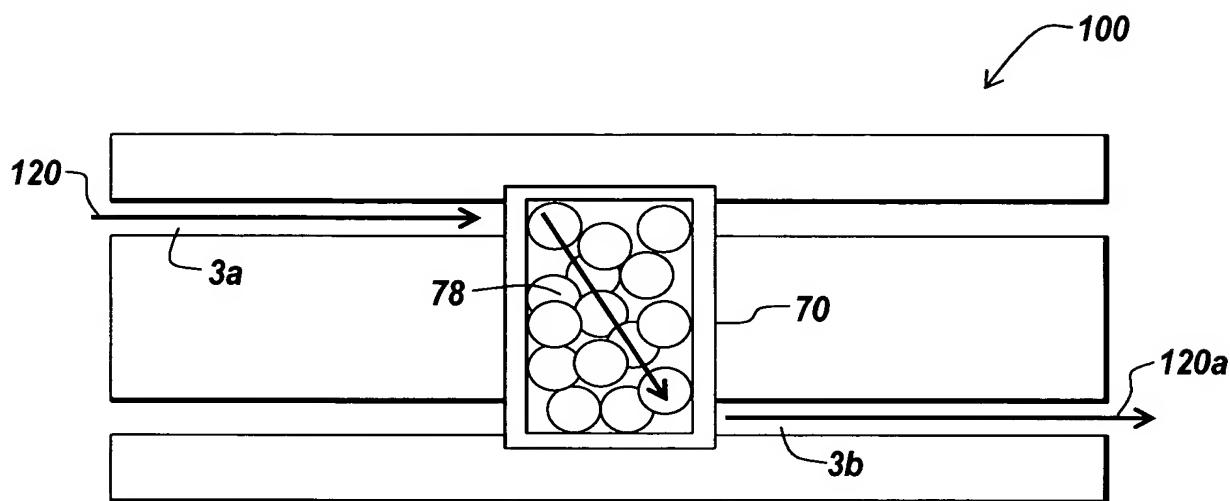


*Fig. 20A*

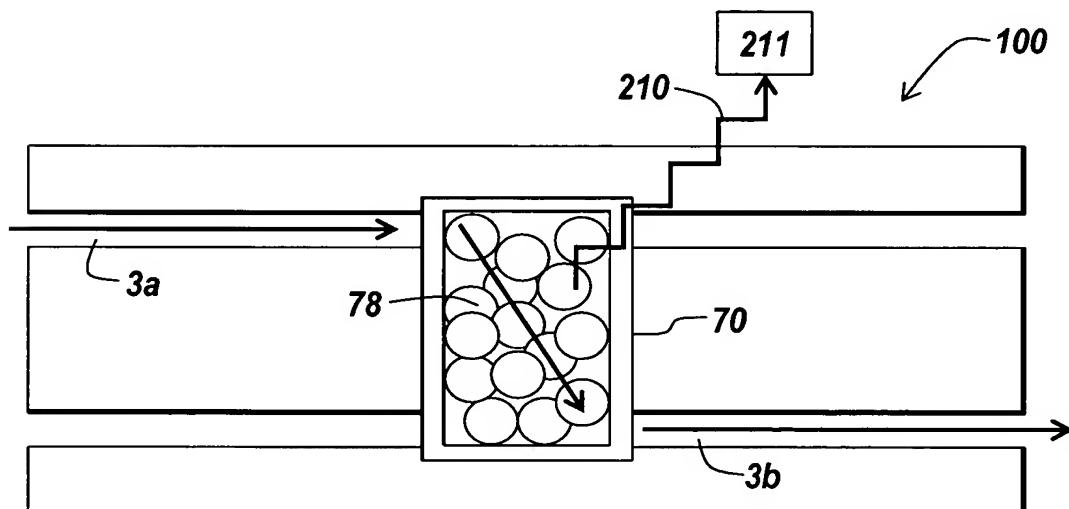


*Fig. 20B*

17/28



*Fig. 21*



*Fig. 22*

18/28

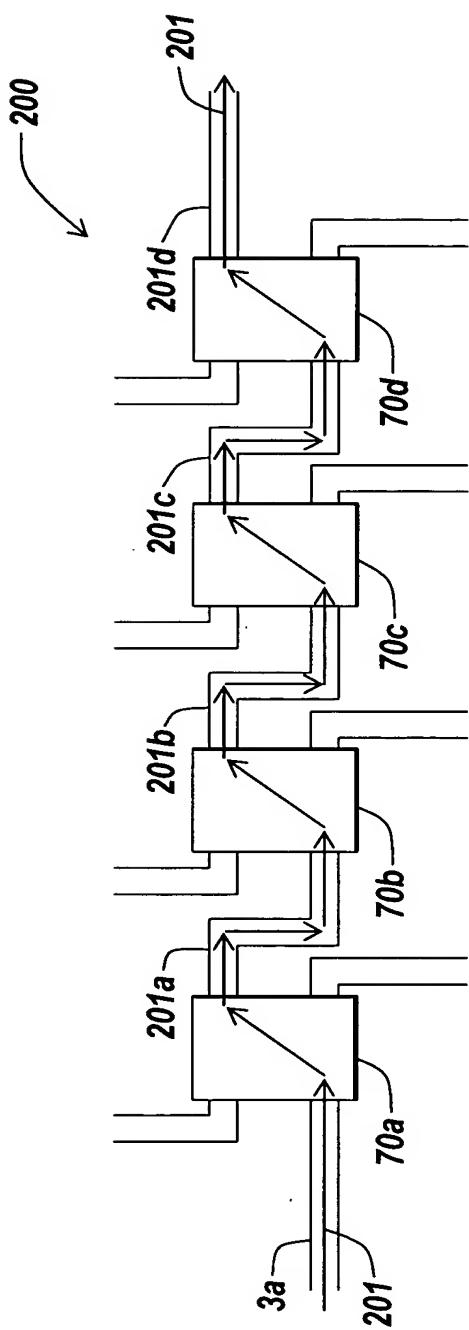


Fig. 23A

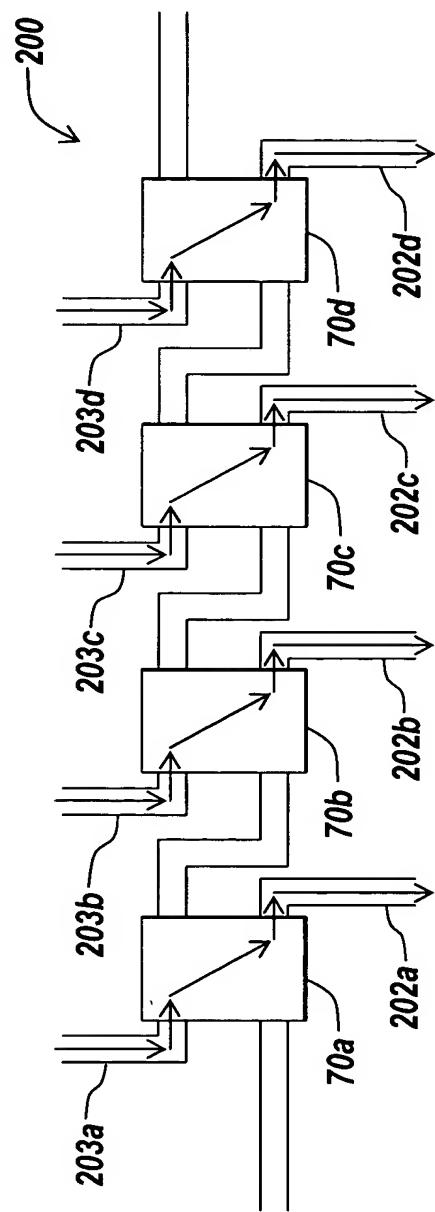


Fig. 23B

19/28

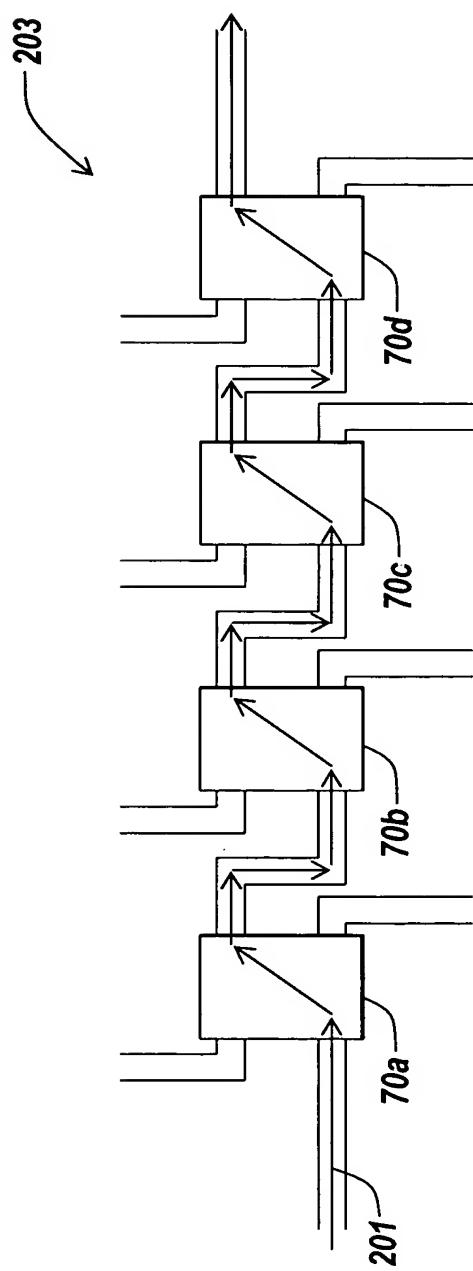


Fig. 24A

20/28

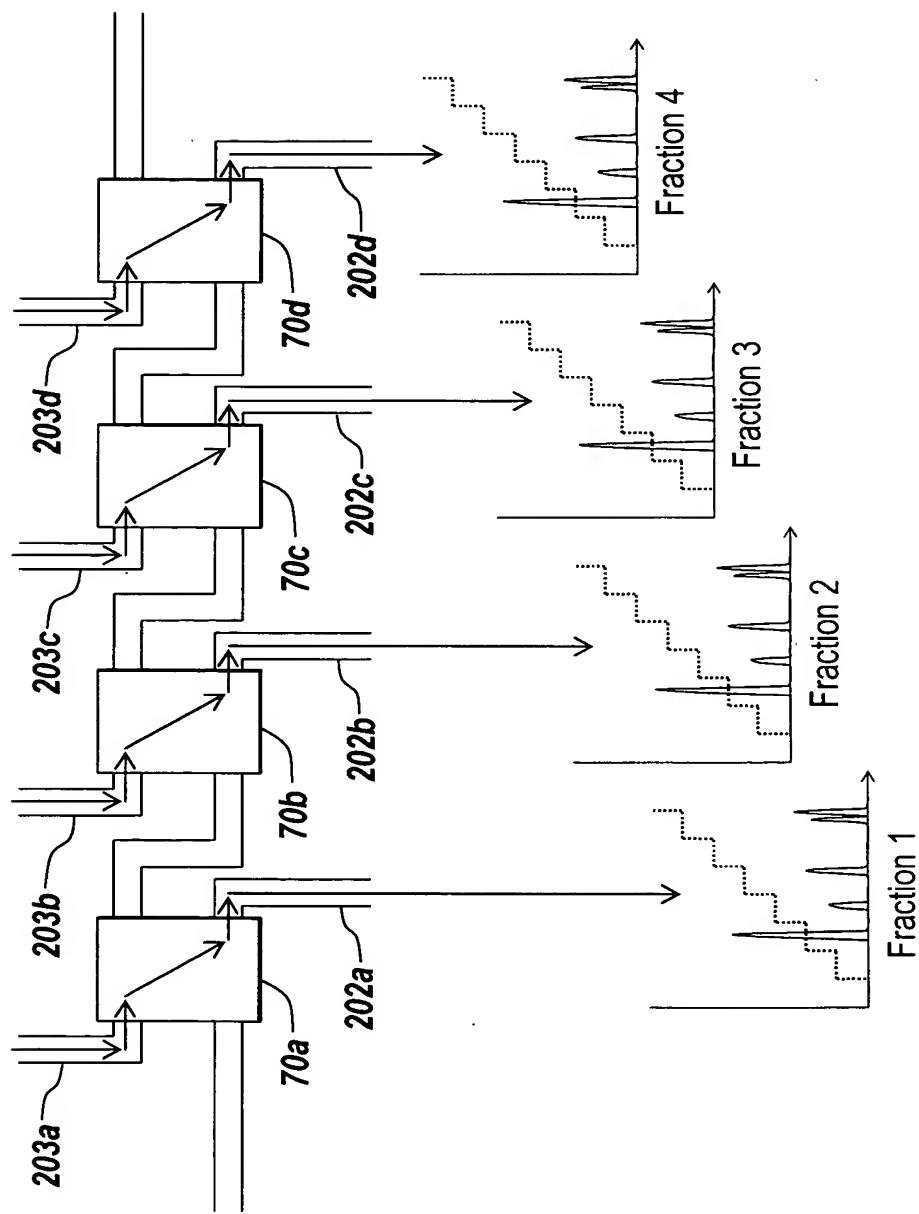


Fig. 24B

21/28

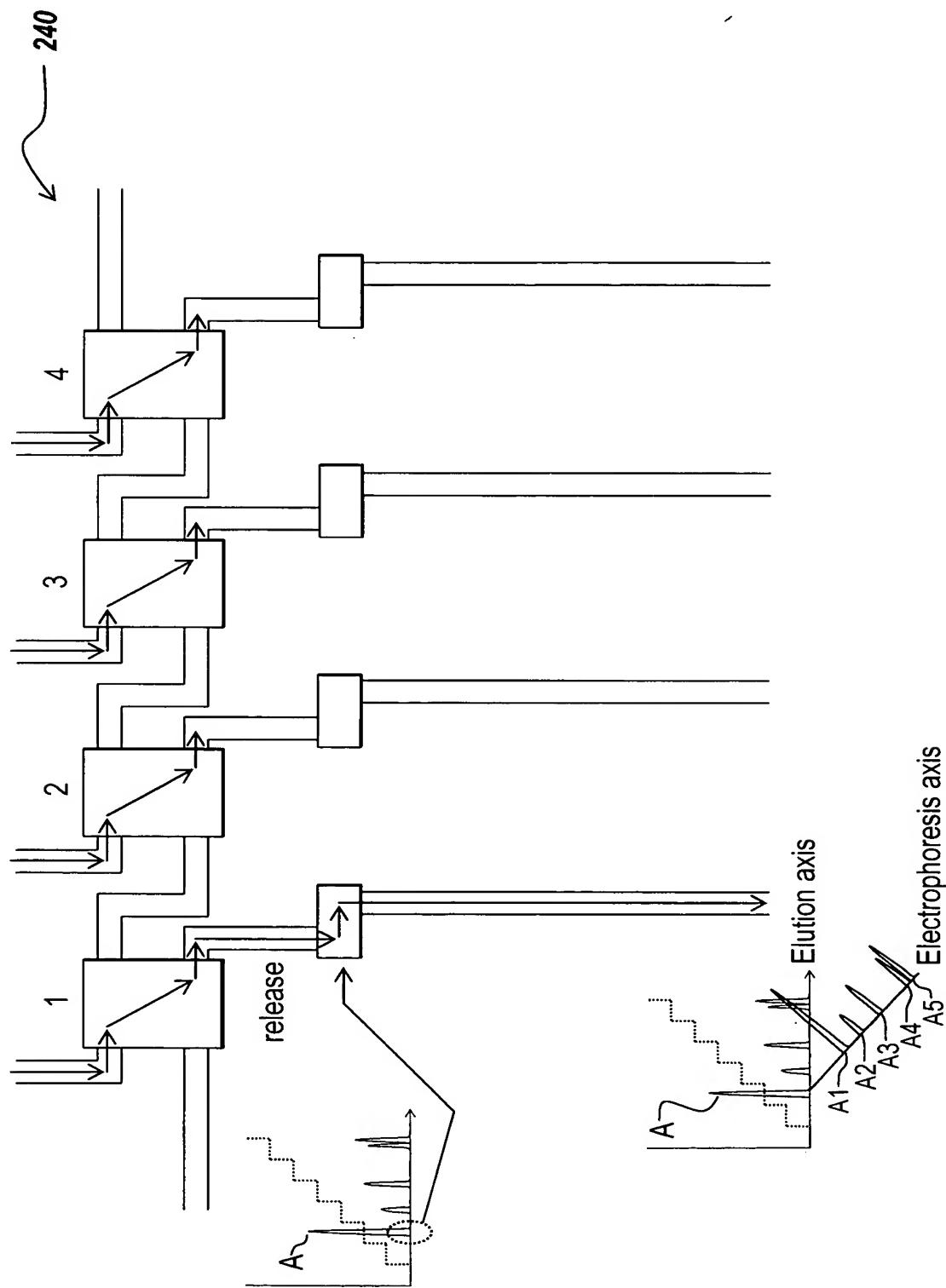


Fig. 25B

22/28

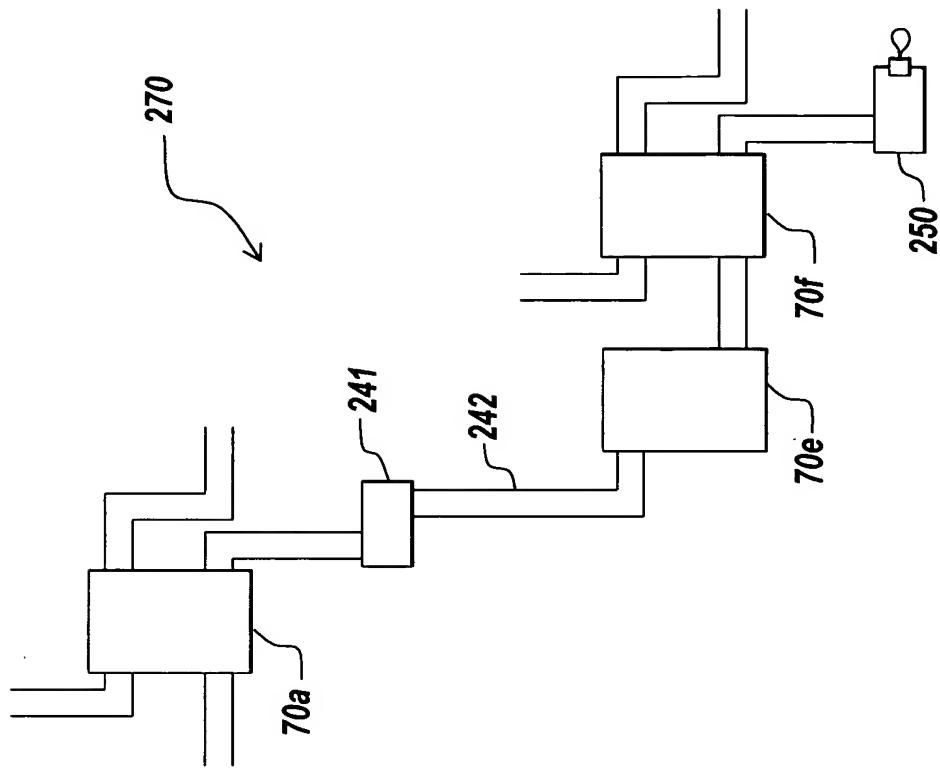


Fig. 27

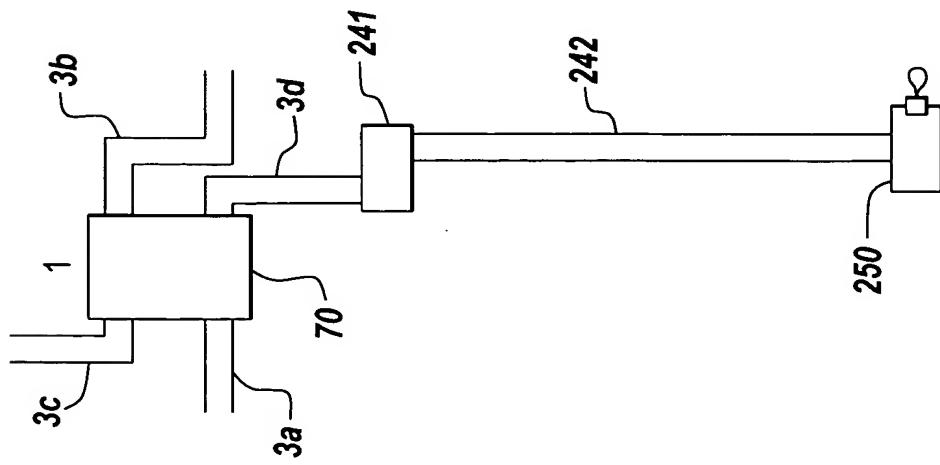


Fig. 26

23/28

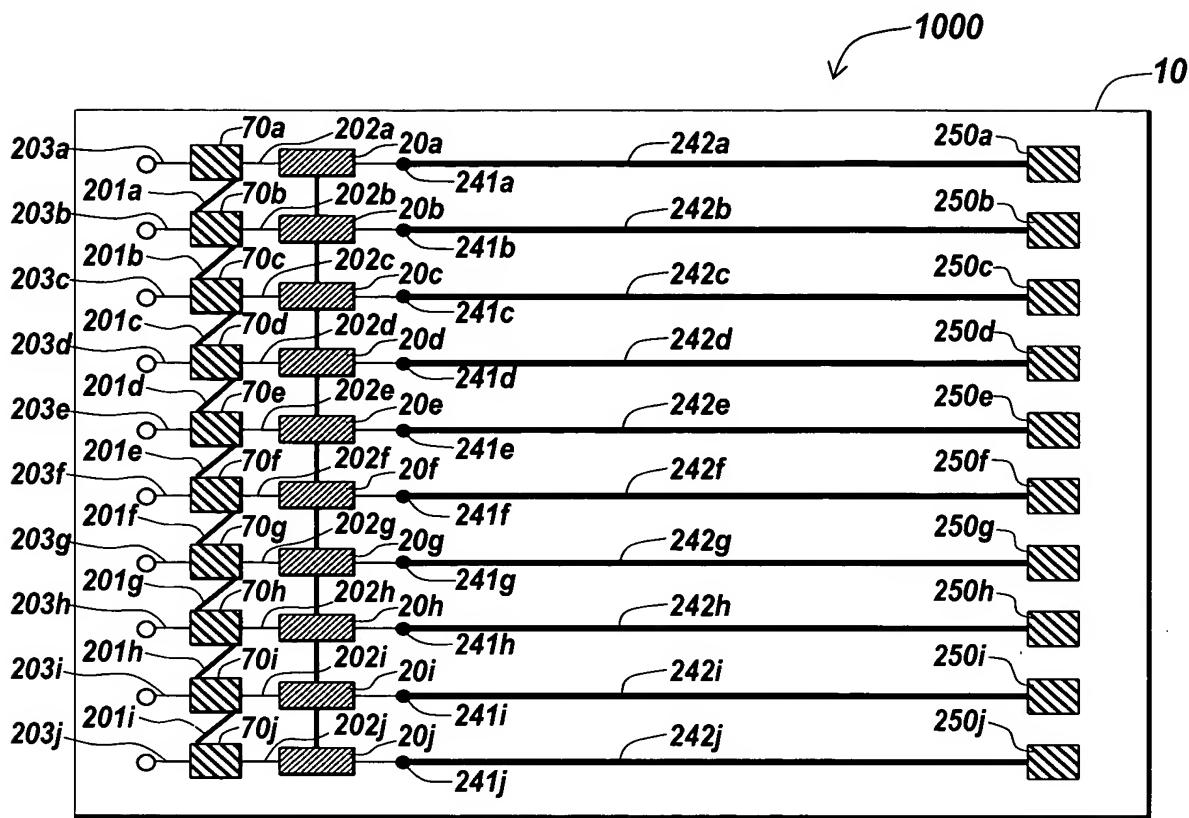


Fig. 28

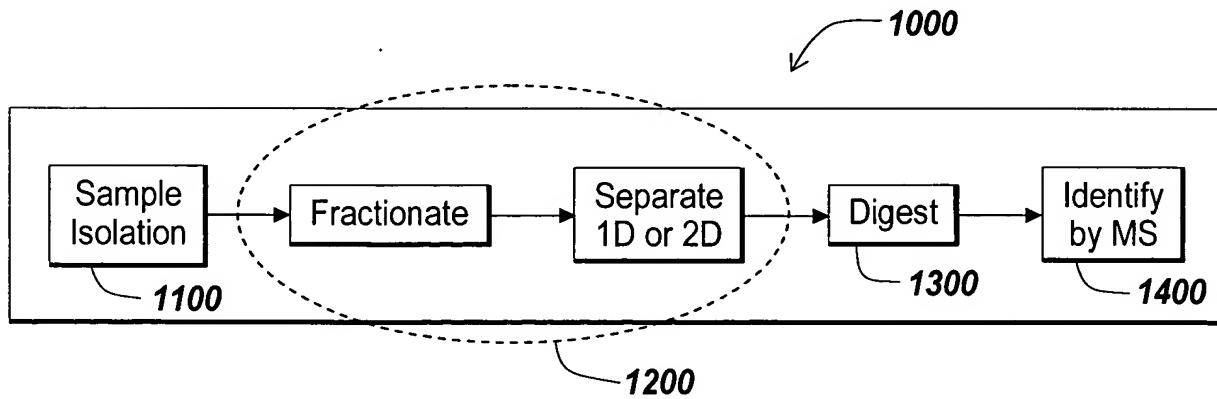
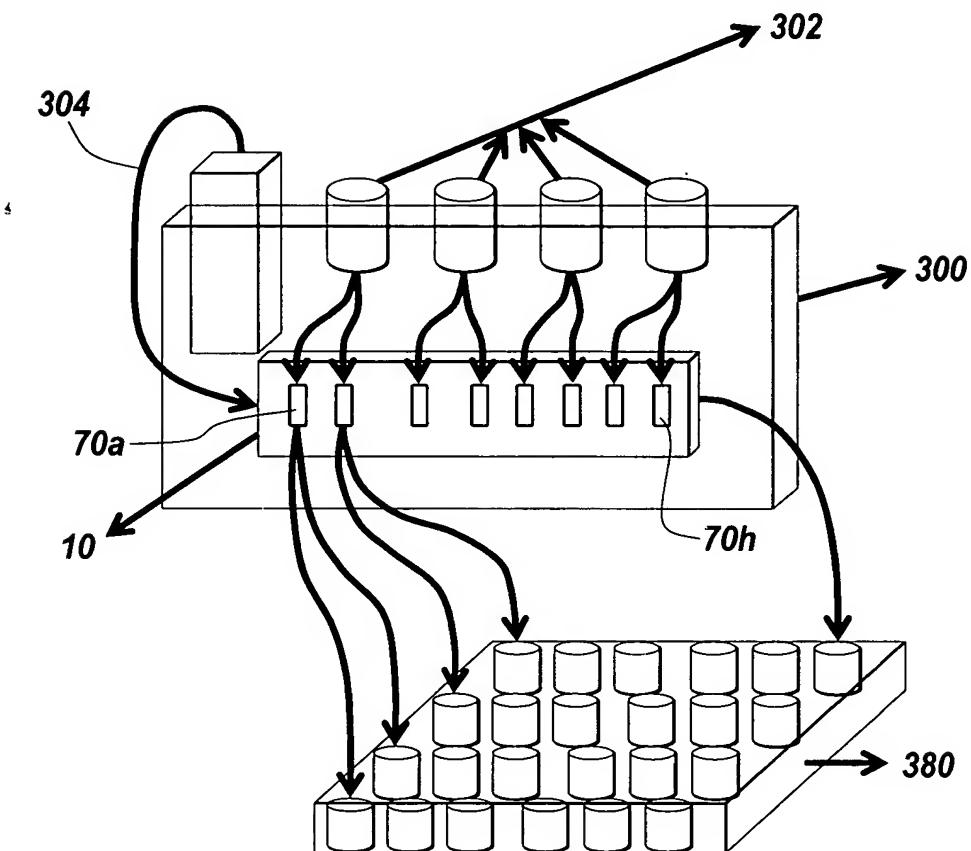


Fig. 29

24/28



*Fig. 30*

25/28

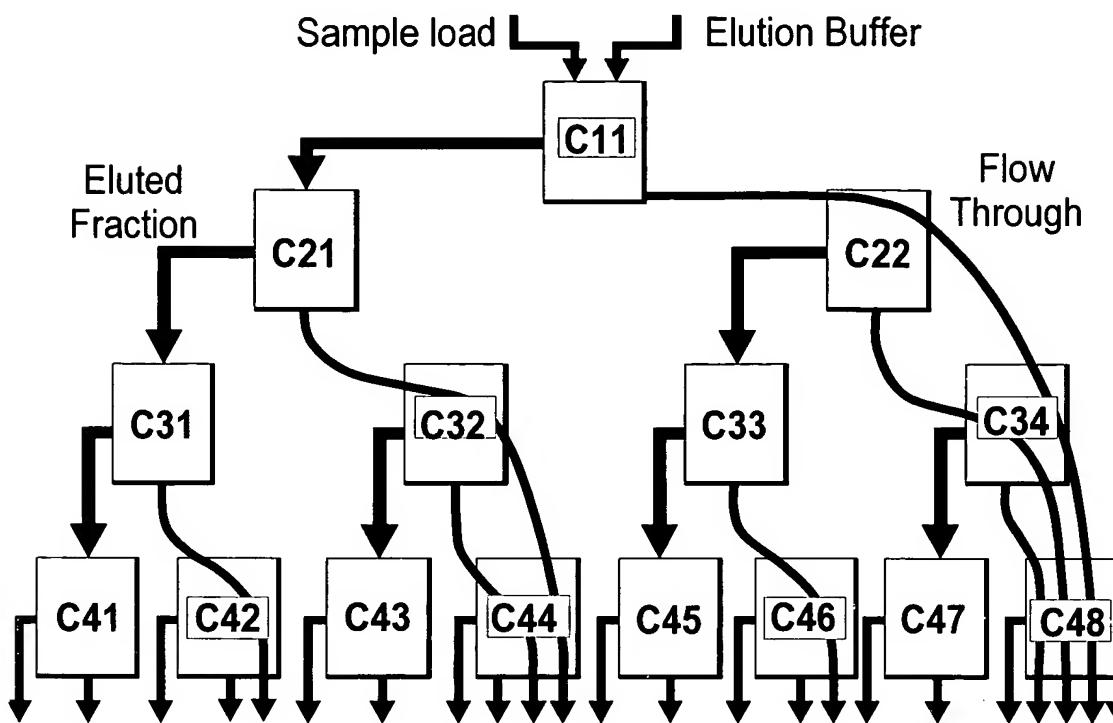


Fig. 31

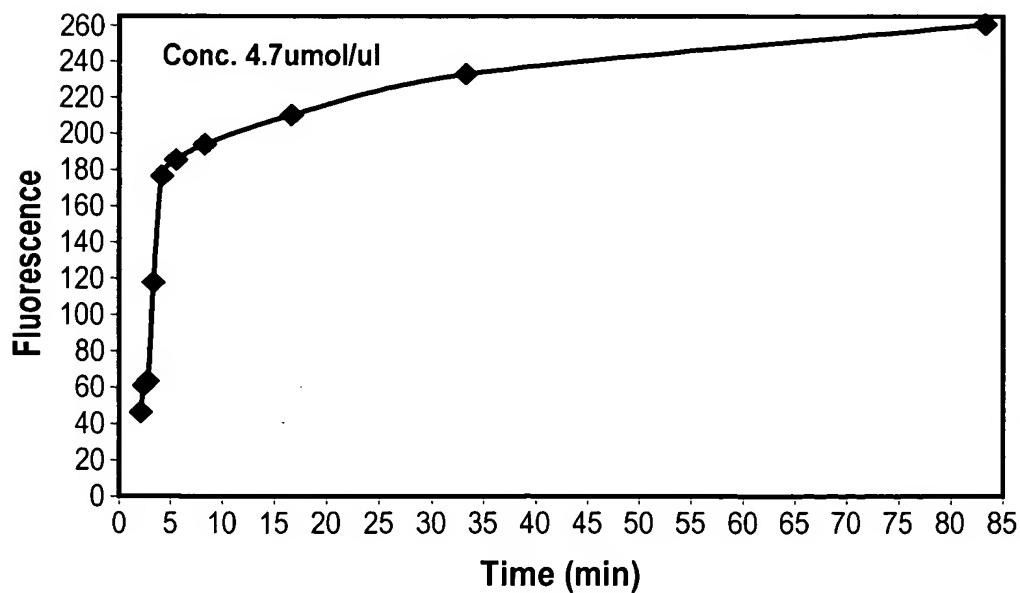


Fig. 32

26/28

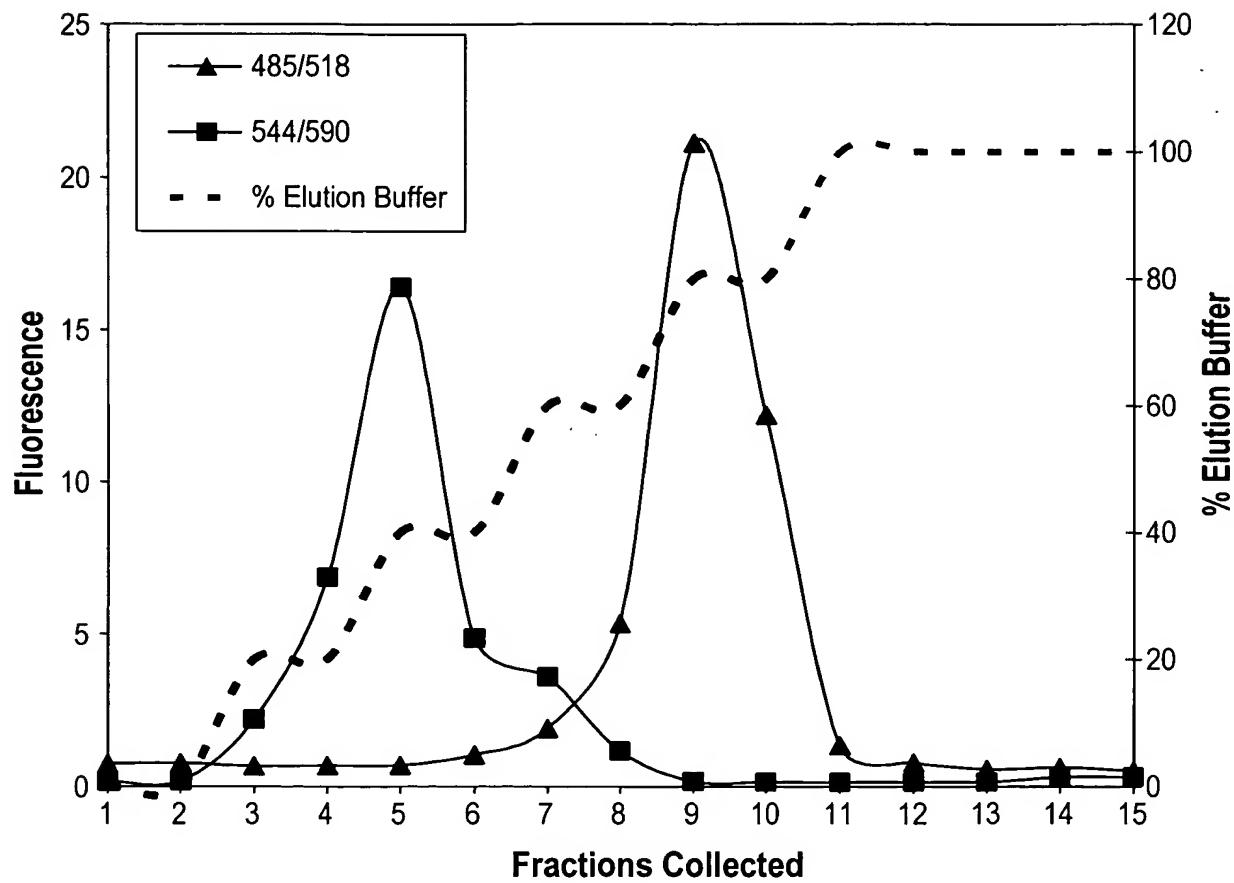


Fig. 33

27/28

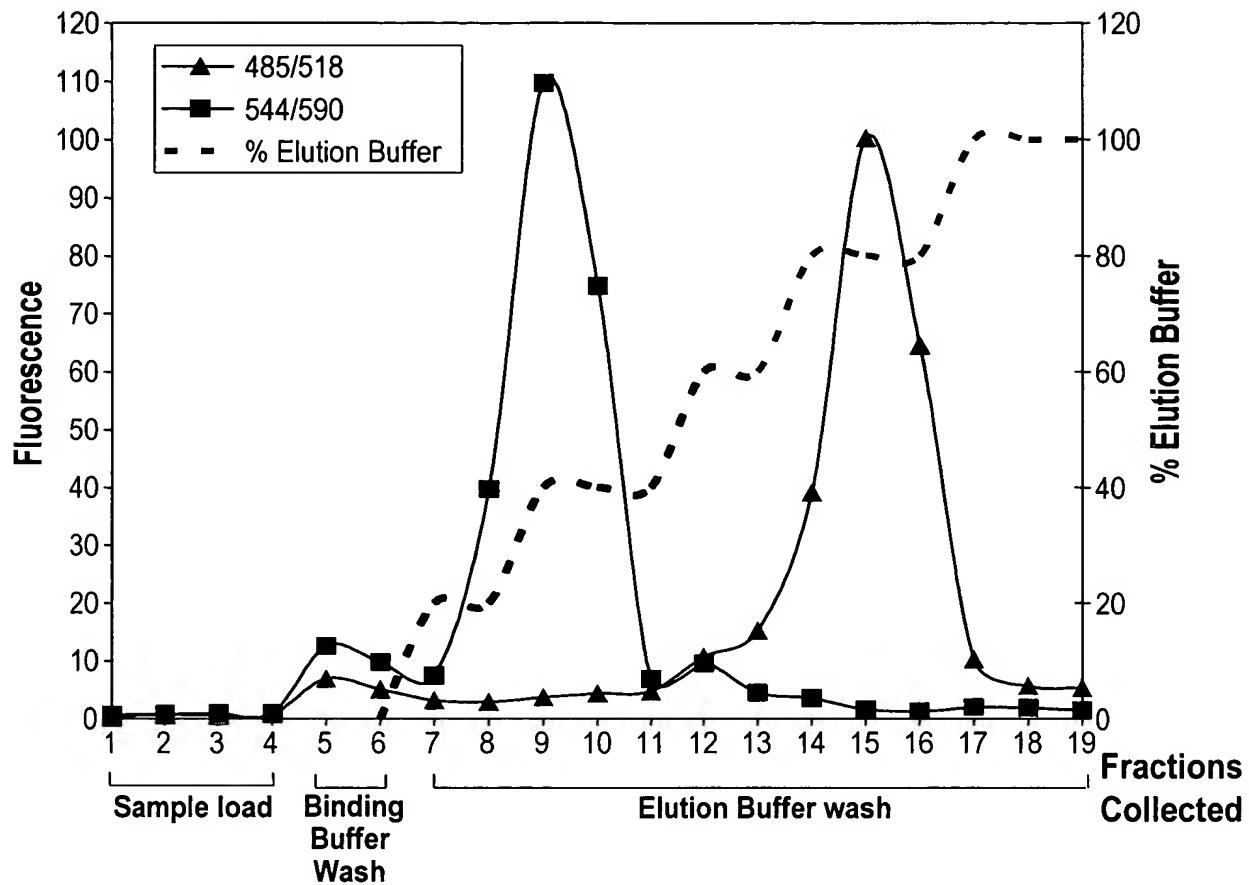


Fig. 34

28/28

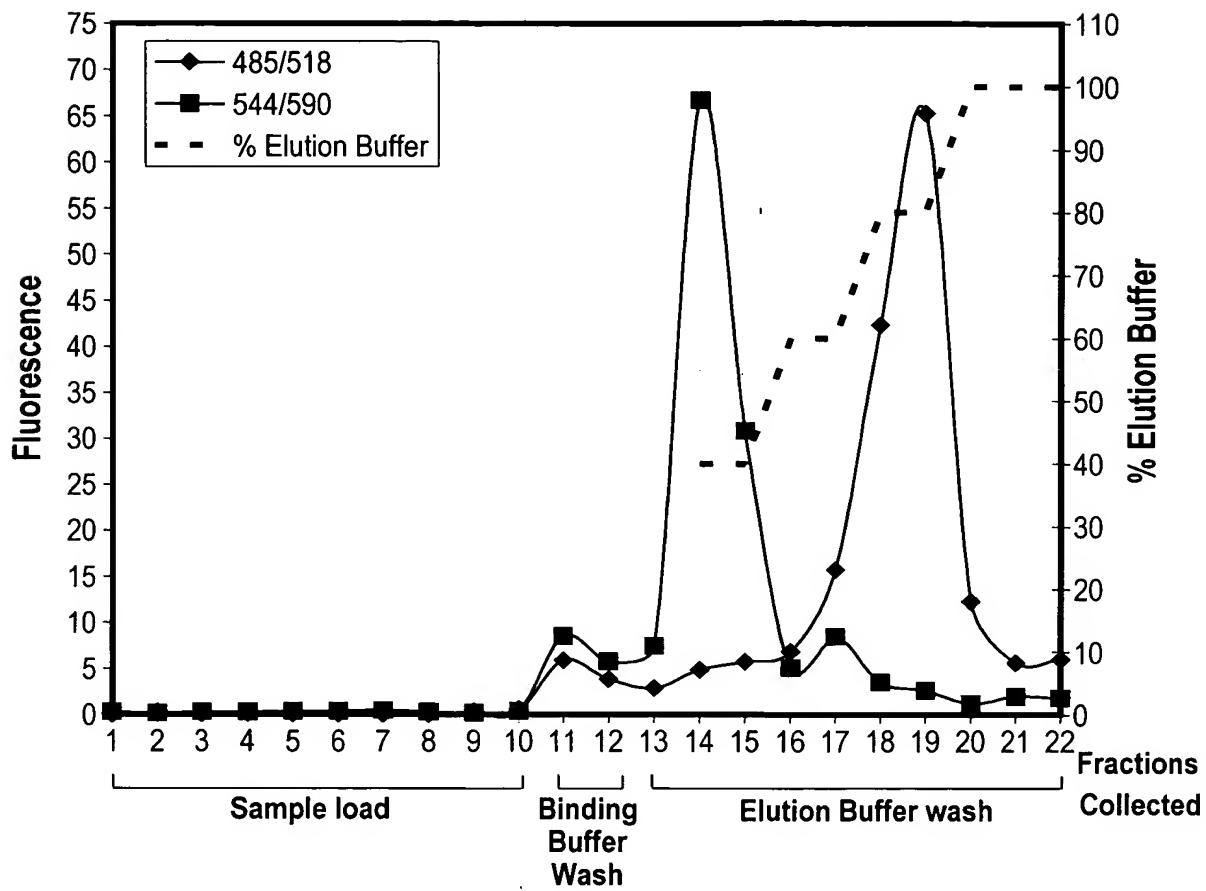


Fig. 35